

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	178	367/41.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 18:42
S1	0	seismic and vibrators and orthogonal and mircroseismic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 17:26
S2	5	"6442489"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 14:44
S3	14	"5377104"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 14:44
S4	43	"6049508"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 14:44
S5	55	S2 S3 S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 14:44
S6	0	"6442489.pn."	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 14:44
S7	2	"6442489".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 14:44

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S8	2	"5377104".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 14:44
S9	2	"6049508".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 14:44
S10	6	S7 S8 S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 14:44
S11	2	seismic and vibrators and orthogonal and microseismic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 10:08
S12	284	seismic and vibrator and (signal with separate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 13:00
S13	65	seismic and (vibrator with phase) and (signal with separate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 13:01
S14	65	seismic and (vibrator with phase) and (signal with separate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 13:47
S15	9	hfvs and vibrator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 13:04

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S16	65	seismic and (vibrator with phase) and (signal with separate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 13:03
S17	12	("4184144"   "4348749"   "4545039"   "4646274"   "4675851"   "4707812"   "4715020"   "4755976"   "4982374"   "5173879"   "5400299"   "5550786").PN. OR ("5715213").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 13:10
S18	25	seismic and (slip-sweep or (slip adj sweep))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 13:10
S19	23	("3885225"   "3956730"   "4159463"   "4168485"   "4188610"   "4295213").PN. OR ("4715020").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 13:12
S20	0	seismic and (vibrator with phase) and (signal with separate) and microseismic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 13:48
S21	0	seismic and (vibrator with phase) and microseismic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 14:05
S22	0	seismic and (vibrator with orthogonal) and microseismic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 14:05
S23	1	(vibrator same orthogonal) and microseismic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 14:17

## EAST Search History

S24	12	seismic and vibrator and microseismic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 14:17
S25	4	"6488117"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/03 18:47
S26	19	(seismic and microseismic) and vibrator\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/03 18:47
S27	12	microseismic and vibrator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/17 14:29
S28	31	meunier.in. and seismic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/17 14:29
S29	13	meunier.in. and vibrator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 17:29
S30	931	(microseismic) or (induced with seismic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/17 14:30
S31	106	S30 and vibrator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/17 14:31

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S32	1	meunier.in: and vibrator and microseismic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/17 15:12
S33	12	seismic and vibrators and microseismic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 14:21
S34	132	seismic and microseismic and (active and passive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 15:33
S35	114	seismic and microseismic and (active and passive) and (inversion or invert\$3 or invers\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 15:34
S36	6	seismic and microseismic and (active and passive) and (inversion or invert\$3 or invers\$4) and spectral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/20 15:35
S37	5	"6442489"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 17:27
S39	181	367/37.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 17:27
S40	197	367/48.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 17:29

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S41	313	367/49.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 17:29
S42	271	367/40.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 17:30
S43	308	367/189.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 17:30
S44	369	702/17.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 17:31
S45	10	702/14.ccls. and microseismic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 17:31
S46	5	("4926392"   "5181171"   "5930730").PN. OR ("6442489"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/26 17:33
S47	9	(seismic and microseismic) and spectral	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/26 17:33
S48	310	seismic and ((spectral or spectrum) same model)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 17:33
S49	153	seismic and ((spectral or spectrum) with model)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 17:34

## EAST Search History

S50	3	seismic and ((spectral or spectrum) with model) and microseismic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 17:34
S51	52	seismic and (frequency with model) and microseismic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 17:42
S52	0	(seismic with separate with microseismic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 17:43
S53	8	(seismic same separate same microseismic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 17:43